



SEQUENCE LISTING

#7

<110> Mirkin, Chad A.
Letsinger, Robert L.
Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
AND USES THEREFOR

<130> 00-713-i19

<140> 09/976,863

<141> 2001-10-12

<150> 09/603,830

<151> 2000-06-26

<150> 09/344,667

<151> 1999-06-25

<150> 09/240,755

<151> 1999-01-29

<150> PCT/US97/12783

<151> 1997-07-21

<150> 60/031,809

<151> 1996-07-29

<150> 60/200,161

<151> 2000-04-26

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<170> Microsoft Word 2000

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synthetic sequence

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 aacttgcgct aatggcga 18

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aagttgcgct ttacggctaa tggcga

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<211> 15

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15

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<211> 15

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gaaaaggga ggaga

15

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15

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aaacgactct agcgcgtata gttgccat

28

<210> 11

<211> 28

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cctatcgacc atgct 15

<210> 13
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agcatggtcg ataggaaacg actctagcgc 30

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gcgctagagt cgttt 15

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gtcgatagga aacgactcta gcgc 24

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agcatgtttg ataggaaacg actctagcgc 30

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<210> 20
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cgcatcagg at 12

<210> 21
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tacgagttga gagagtgcac acat 24

<210> 22
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tacgagttga gaatcctgaa tgcg 24

<210> 23
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<210> 24
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<210> 25
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<210> 26
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<400> 26
tacgagttga gacatcctga atgcg

25

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<400> 28
taggacttac gc 12

<210> 29
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synthetic sequence

<400> 29
tacgagttga gaccgttaag acgaggcaat catgcaatcc tgaatgcg 48

<210> 30
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synthetic sequence

<400> 30
tgcatgattg cctcgtctta acgg 24

<210> 31
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synthetic sequence

<400> 31
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atcctgaatg cg 72

<210> 32
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synthetic sequence

<400> 32
gttgctcgta aagcgtccaa tatatgcatg attgcctcgt cttaacgg 48

<210> 33
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synthetic sequence

<400> 33
tctcaactcg ta

12

<210> 34
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synthetic sequence

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tacgagttga gaatcctgaa tgcg

24

<210> 35
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synthetic sequence

<400> 35
cgcatcagg at

12

<210> 36
<211> 141
<212> DNA
<213> anthrax

<400> 36
ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
attgaagata ctgaagggt t 141

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synthetic sequence

<400> 37
taacaataat ccctc 15

<210> 38
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synthetic sequence

<400> 38
atccttatca atatt 15

<210> 39
<211> 30
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synthetic sequence

<400> 39
tgagcctcct taactactga ctcacccgcc 30

<210> 40
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synthetic sequence

<400> 40
tgttgacgaa ttaattactt ctcta 25

<210> 41
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synthetic sequence

<400> 41
tataaccctg gataatattt ttcttat 27

<210> 42
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<212> DNA
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synthetic sequence

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<210> 43
<211> 22
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synthetic sequence

<400> 43
tctcaactcg taaaaaaaaa aa

22

<210> 44
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<212> DNA
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synthetic sequence

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tacgagttga gaatcctgaa tgcg

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<210> 45
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<212> DNA
<213> Artificial Sequence

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aaaaaaaaaa cgcattcagg at

22

<210> 46
<211> 22
<212> DNA
<213> Artificial Sequence

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synthetic sequence

<400> 46
tctcaactcg taaaaaaaaa aa

22

<210> 47
<211> 22
<212> DNA
<213> Artificial Sequence

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synthetic sequence

<400> 47
aaaaaaaaaa cgcattcagg at

22

<210> 48
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<213> Artificial Sequence

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synthetic sequence

<400> 48
tacgagttga gaatcctgaa tgcg

24

<210> 49
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<212> DNA
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synthetic sequence

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ctacttagat ccgagtgccc acat

24

<210> 50
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synthetic sequence

<400> 50
cgcatcagg at 12

<210> 51
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<212> DNA
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synthetic sequence

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aaaaaaaaa aaaaaaaaaa cgcatcagg at 32

<210> 52
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<212> DNA
<213> Artificial Sequence

<220>
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synthetic sequence

<400> 52
cgcatcagg atwwwwwww wwwwwwww ww 32

<210> 53
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<212> DNA
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<400> 53
atcctgaatg cg 12

<210> 54
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atcctgaatg cg 12

<210> 55

<211> 20
<212> DNA
<213> Artificial Sequence

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synthetic sequence

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aaaaaaaaaa aaaaaaaaaa 20

<210> 56
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<213> Anthrax

<400> 56
ggattattgt taattattga taaggat 27

<210> 57
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taacaatnat cc 12

<210> 58
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<212> DNA
<213> Anthrax

<400> 58
atccttatca atatt 15

<210> 59
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<220>
<223> Description of Artificial Sequence:random
synthetic sequence

<400> 59
tctcaactcg ta 12

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synthetic sequence

<400> 60
tacgagttga gaatcctgaa tgcg

24

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<212> DNA
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synthetic sequence

<400> 61
gcgtaagtcc taacgtacta acggagcaga attgccagag ttgagcat

48

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synthetic sequence

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gcgtaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at 72

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synthetic sequence

<400> 63
tgcattgattg cctcgtctta acgg

24

<210> 64
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synthetic sequence

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48